

Hospitalizations for Work-related Injuries

Massachusetts 1999

Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
ALL INJURIES		1525	51.17	224	1301	17.64	76.08
FRACTURES		784	26.31	152	632	11.97	36.96
	Head & Neck	49	1.64	(a)	46	(a)	2.69
	Torso	111	3.72	7	104	0.55	6.08
	Extremities	624	20.94	142	482	11.18	28.19
DISLOCATION		24	0.81	(a)	22	(a)	1.29
	Torso	7	0.23	(a)	6	(a)	0.35
	Extremities	17	0.57	(a)	16	(a)	0.94
SPRAINS & STRAINS		183	6.14	25	158	1.97	9.24
	Torso	19	0.64	4	15	0.31	0.88
	Extremities	138	4.63	21	117	1.65	6.84
INTERNAL ORGAN		128	4.30	11	117	0.87	6.84
	Head & Neck	57	1.91	5	52	0.39	3.04
	Torso	71	2.38	6	65	0.47	3.80
OPEN WOUNDS		112	3.76	4	108	0.31	6.32
	Head & Neck	33	1.11	(a)	32	(a)	1.87
	Torso	7	0.23	(a)	7	(a)	0.41
	Extremities	72	2.42	(a)	69	(a)	4.04
AMPUTATIONS		60	2.01	(a)	58	(a)	3.39
	Extremities	60	2.01	(a)	58	(a)	3.39
SUPERFICIAL/CONTUSIONS		24	0.81	4	20	0.31	1.17
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	8	0.27	(a)	6	(a)	0.35
	Extremities	12	0.40	(a)	10	(a)	0.58
CRUSHING		26	0.87	(a)	24	(a)	1.40
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
	Extremities	25	0.84	(a)	23	(a)	1.35
BURNS		97	3.26	6	91	0.47	5.32
	Head & Neck	20	0.67	(a)	18	(a)	1.05
	Torso	11	0.37	(a)	11	(a)	0.64
	Extremities	62	2.08	4	58	0.31	3.39
OTHER & UNSPECIFIED (b)		87	2.92	16	71	1.26	4.15
	Head & Neck	9	0.30	(a)	8	(a)	0.47
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
	Extremities	27	0.91	6	21	0.47	1.23

Source: Hospital Discharge Data, for 1 January 1999 through 31 December 1999, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 1999 through December 1999

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.